



URBAN TRANSPORT DEVELOPMENT PLAN CAPITAL CITY ULAANBAATAR MONGOLIA

ULAANBAATAR –City data at a Glance (as of 2013)

Area

- Total Administrative Area: 4700 km2
- Divided in 9 districts /including three remote districts/

Population

- Population: around 1.2 Million (about 45% of total population)
- Population density: 40 persons/hectare

Environment

- Extremely cold climate: lowest temperature in winter -40° C
- Annual average temperature: -2° C
- Annual precipitation: about 250 mm
- Situated at 1300m above the sea level
- Duration of heating season: 8 month

Priority issues in urban development

Improve infrastructure to meet the rapid population growth and increase the efficiency of services.

Improve the *sub urban areas* by provision of basic infrastructure such as water supply, sewerage, heat, road, etc.

Develop efficient Urban planning and Land management system.

Develop satellite towns to decrease the concentration in Ulaanbaatar.

Develop efficient transport system.

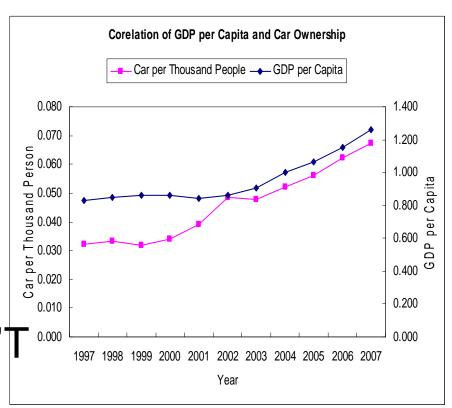
THE POPULATION FORECAST AND HOUSING SITUATION IN ULAANBAATAR

2020 2030

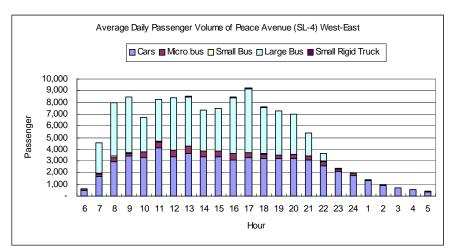
- Currently about 40% of the population of Ulaanbaatar lives in apartment buildings connected to centralized grids.
- By increasing of housing supply it is planned to provide apartments to **58.5**% of the population of Ulaanbaatar in 2020, and to **70.1**% in 2030.

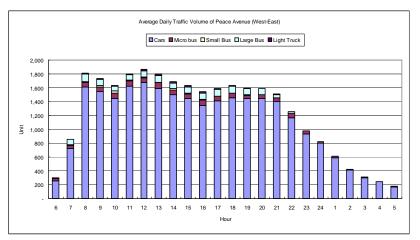
Current situation of urban transport

By the end of 3rd quarter of 2013 375,000 vehicles registered only in Ulaanbaatar city. Daily, over 180,000 vehicles travels along city roads. It is expected to reach 970,000 vehicles by **2020 IN CASE IF** MUNICIPALITY DOESN'T TAKE ANY of INTERVENTION in the sector.



Current situation of urban transport



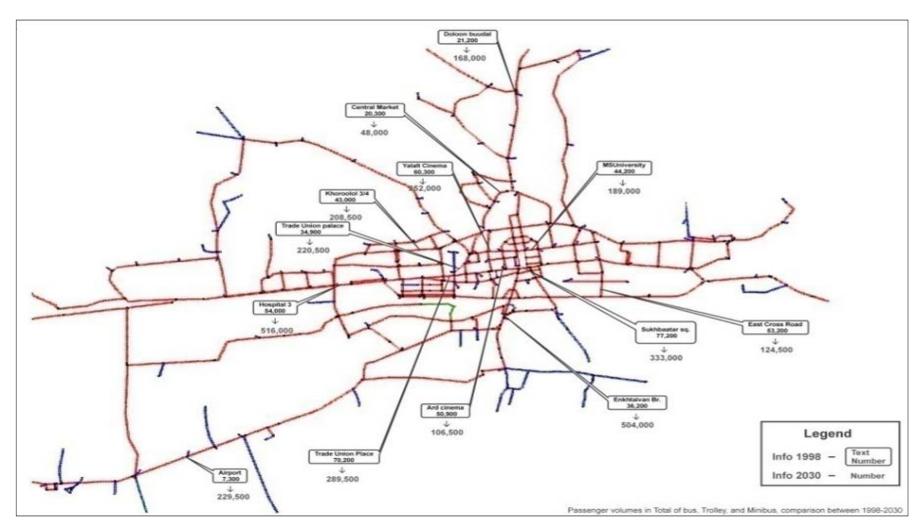


passenger flow

vehicles' number

Indicator	Public transportation	Private vehicles
Vehicles' ratio in daily traffic	1 %	99%
Passengers ratio transporting	60%	40%
Road use ratio	5%	95%

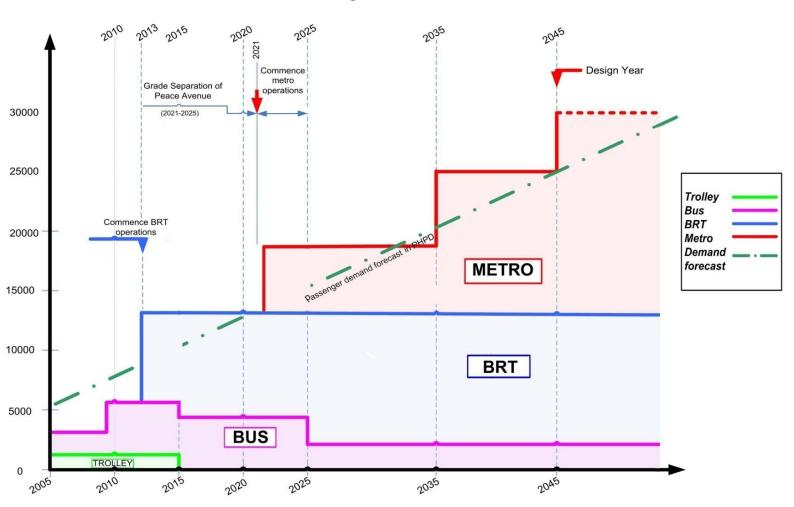
2020 O H. Expected road, traffic congestion by 2020

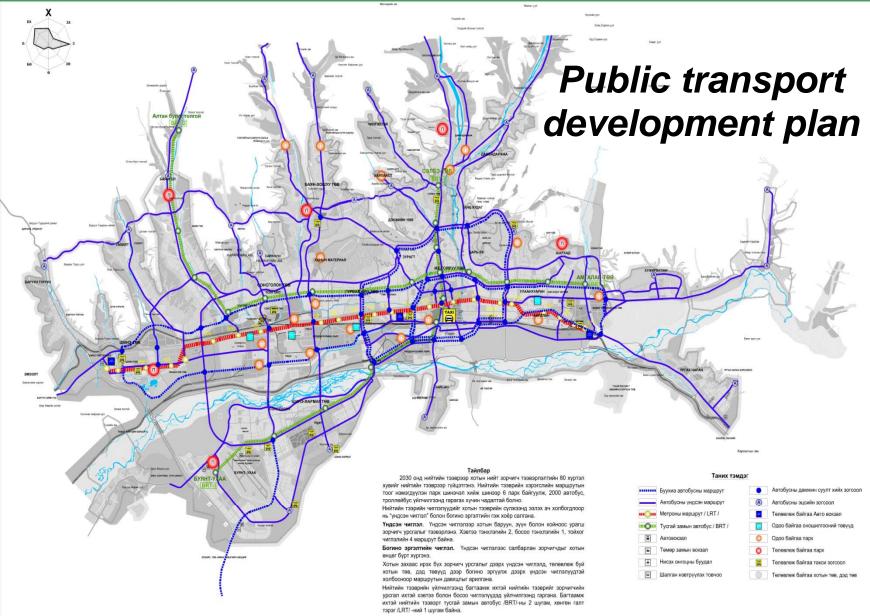


Souce: UBMP study team report, 2009.

Urban transport development plan







ULAANBAATAR CITY MASTER PLAN – up to 2030

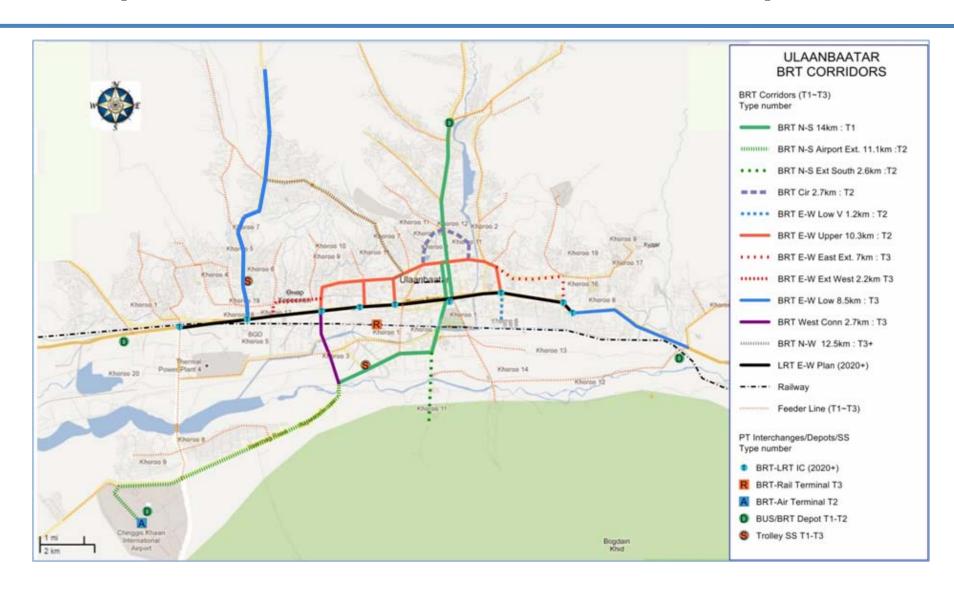


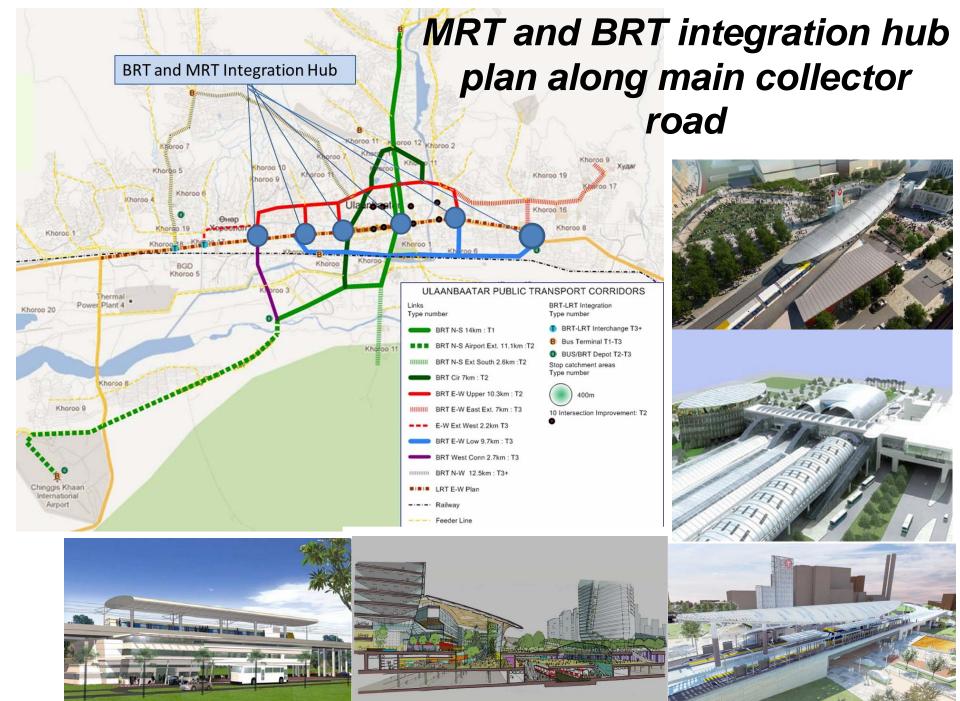


УЛААНБААТАР ХОТЫГ 2020 ОН ХҮРТЭЛ ХӨГЖҮҮЛЭХ ЕРӨНХИЙ

ТӨЛӨВЛӨГӨӨНИЙ ТОДОТГОЛ 2030 ОНЫ ХӨГЖЛИЙН ЧИГ ХАНДЛАГА

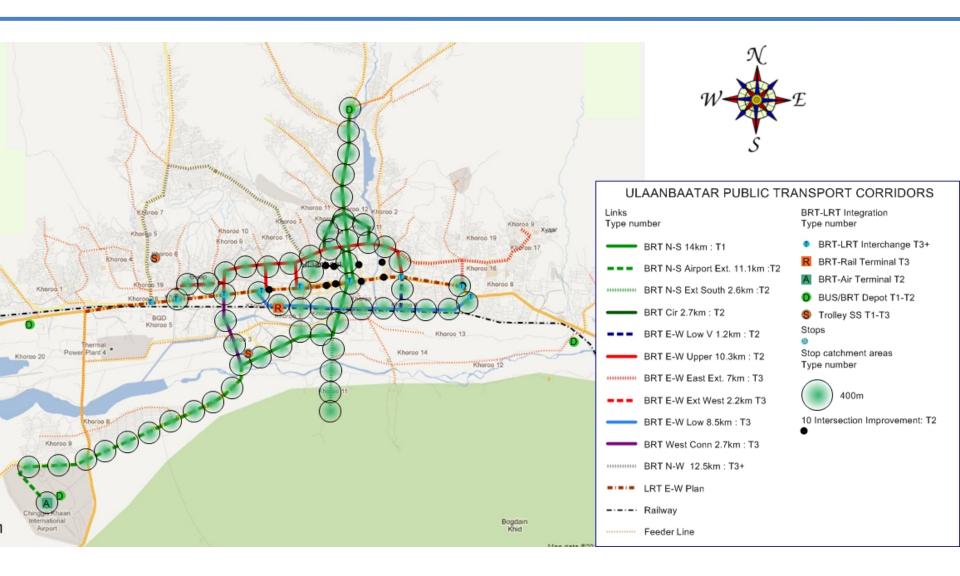
Mass transit modals – MRT and BRT planned main corridors to be developed



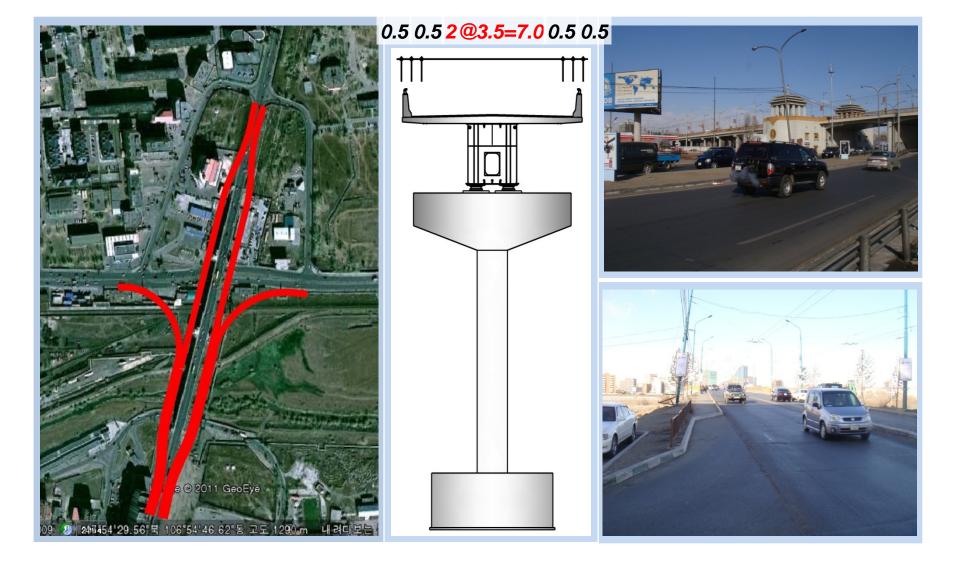


Bus rapid transit concept plan

Bus rapid transit corridors (short and mid term development plan)



Road infrastructure development



introduction of intelligent transport system

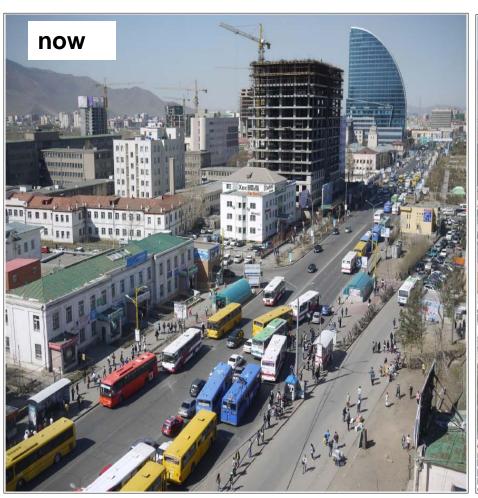






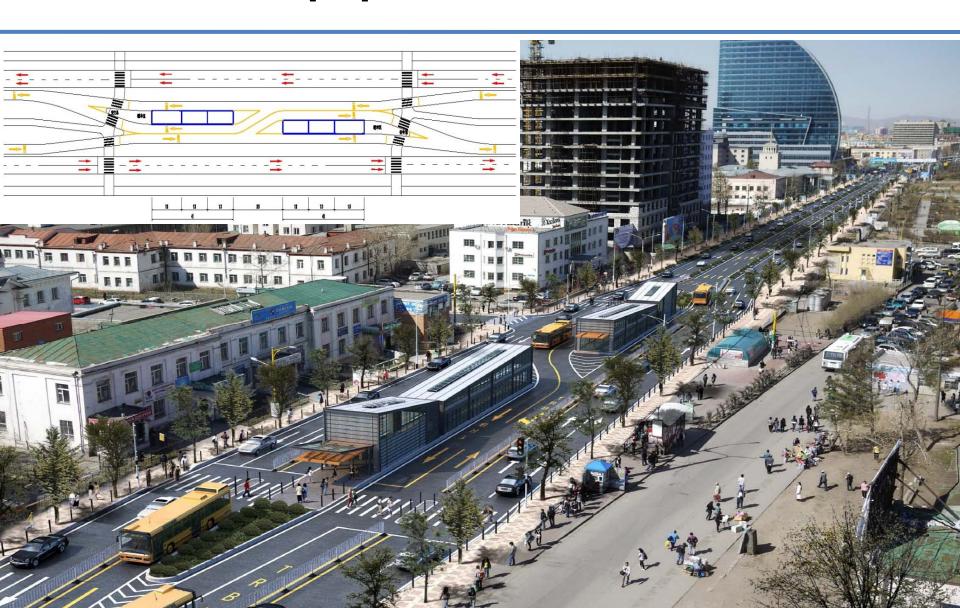


Concept plan for brt corridors



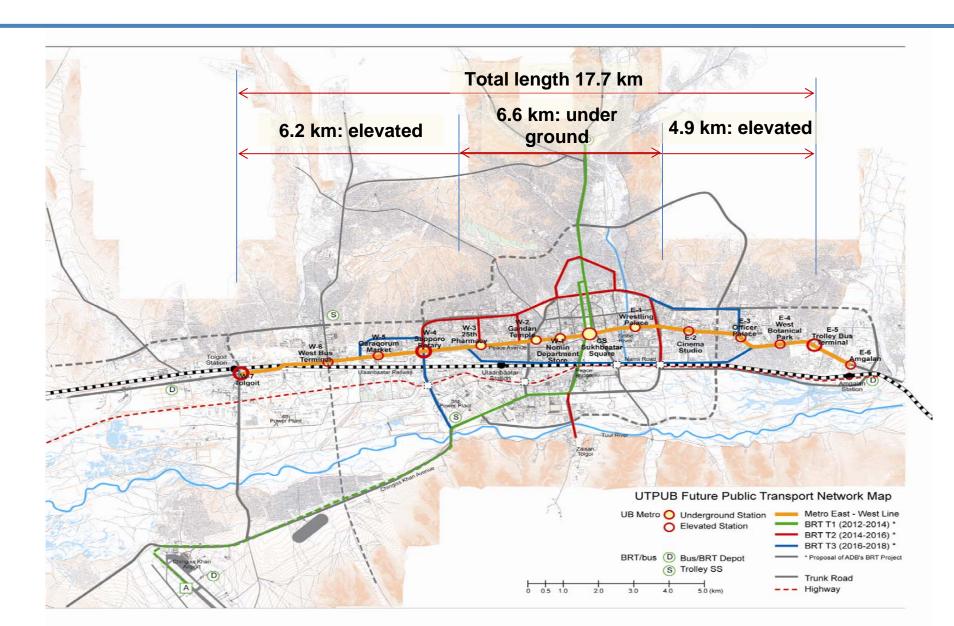


Concept plan for brt corridors

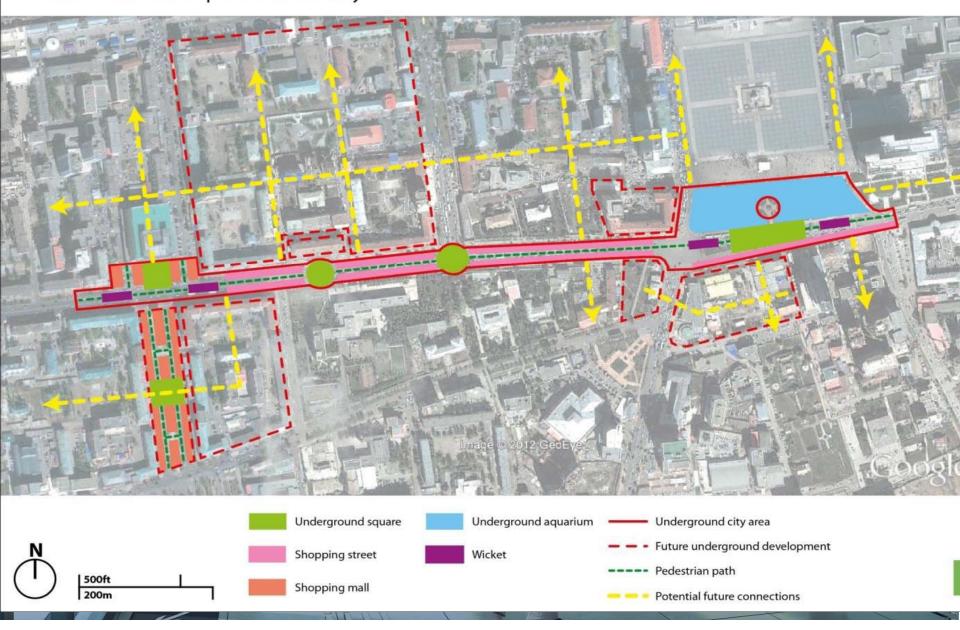


Metro concept plan

Concept plan for mrt corridors

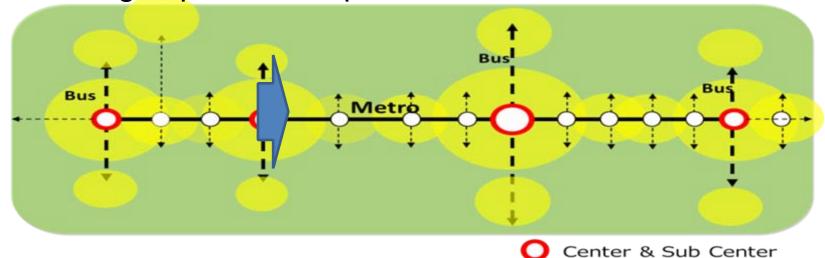


Open Space Framework With future development availability



Concept plan for mrt corridors

Remodeling of public transport routes



MRT station concept plan



conclusion

•Investments are needed for implementation of Master Plan for Ulaanbaatar City Development in 2020-2030.

 Master Plan is approved and being implemented in order to make green and smart city.

 Mega-projects like Subways, BRT, and water reservoir are on the pipeline.

Thank you!